

CATERPILLAR 631D

24W / SEBP4811

Contents

Section	Page
Basic engine	2
Cooling system	
Air inlet and exhaust	
Fuel system	
Electrical and electronics	
Basic engine	
Basic engine	
Power train	
Power train	
Cooling system	
Hydraulic system	

119-8583 FASTENER GP-OIL PUMP MOUNTING -ENGINE

119-8583 FASTENER GP-OIL PUMP MOUNTING -ENGINE S/N 5XD4018-UP

Drawing 1 of 1

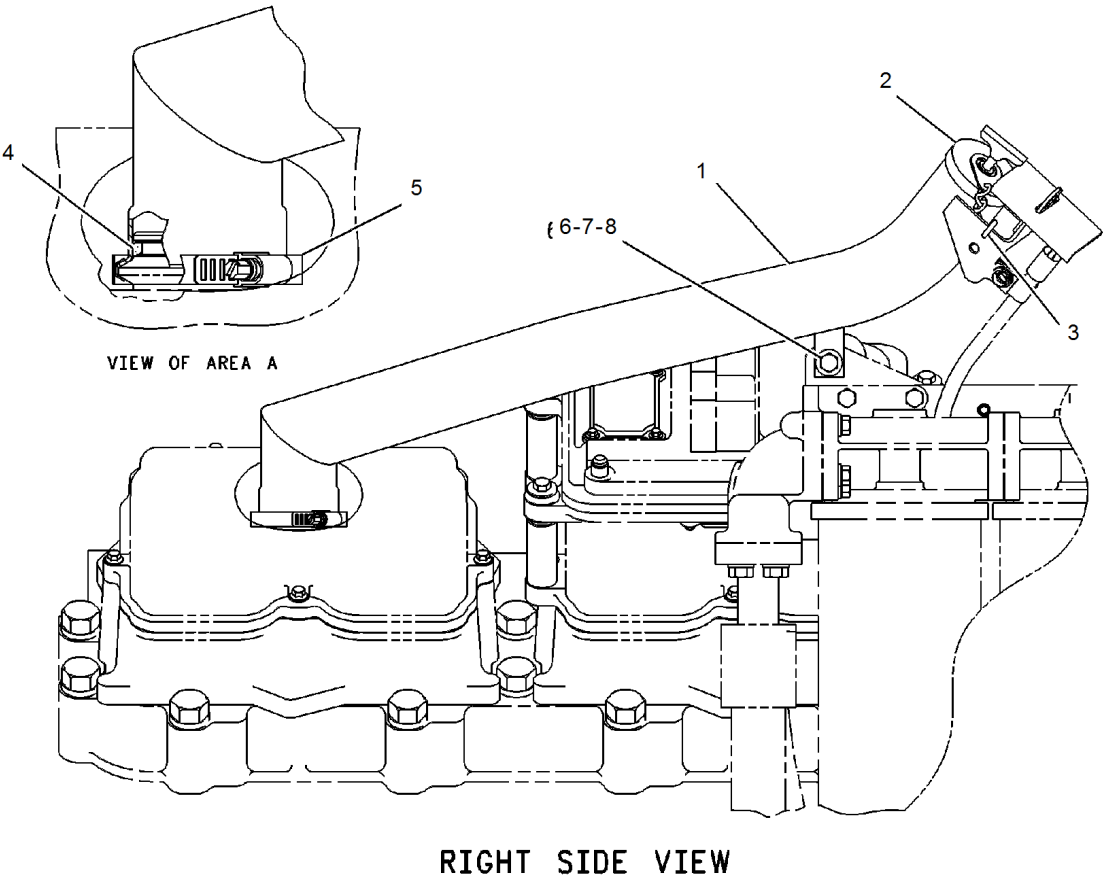


Ref.	Part number	Description	Qty	Code	Group page
1	0L-1143	BOLT (3/8-16X2.5-IN)	1		
2	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		
3	0S-1619	BOLT (3/8-16X3-IN)	2		

125-8280 FILLER GP-ENGINE OIL

125-8280 FILLER GP-ENGINE OIL S/N 5XD4018-UP

Drawing 1 of 1

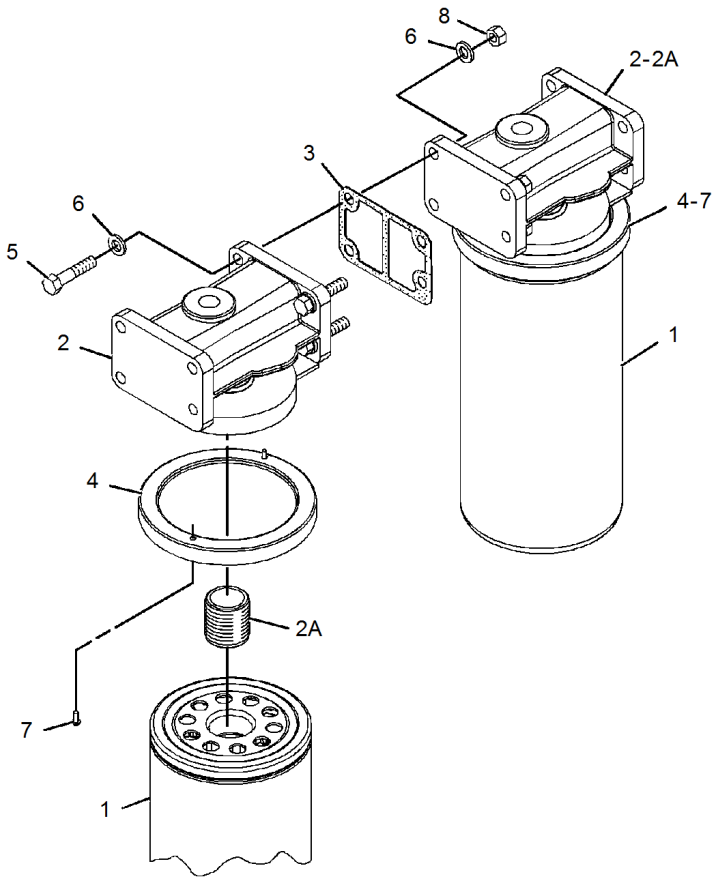


Ref.	Part number	Description	Qty	Code	Group page
1	123-8181	TUBE AS	1		
	4B-4322	RIVET	1		
	8D-3508	BOSS (3/8-16X1-IN)	1		
	1A-8912	WASHER (6.7X12.7X1.6-MM THK)	2		
2	6N-2206	CAP AS-FILLER	1		
3	3F-6156	HOOK	1		
4	6V-3831	SEAL-O-RING	1		
5	2N-8109	CLAMP	1		
6	0S-1588	BOLT (3/8-16X1.25-IN)	1		
7	9X-6458	WASHER-HARD (10.2X22.5X3-MM THK)	2		
8	9S-8752	NUT-FULL (3/8-16-THD)	1		

4N-2357 FILTER GP-ENGINE OIL

4N-2357 FILTER GP-ENGINE OIL S/N 5XD4018-UP

Drawing 1 of 1

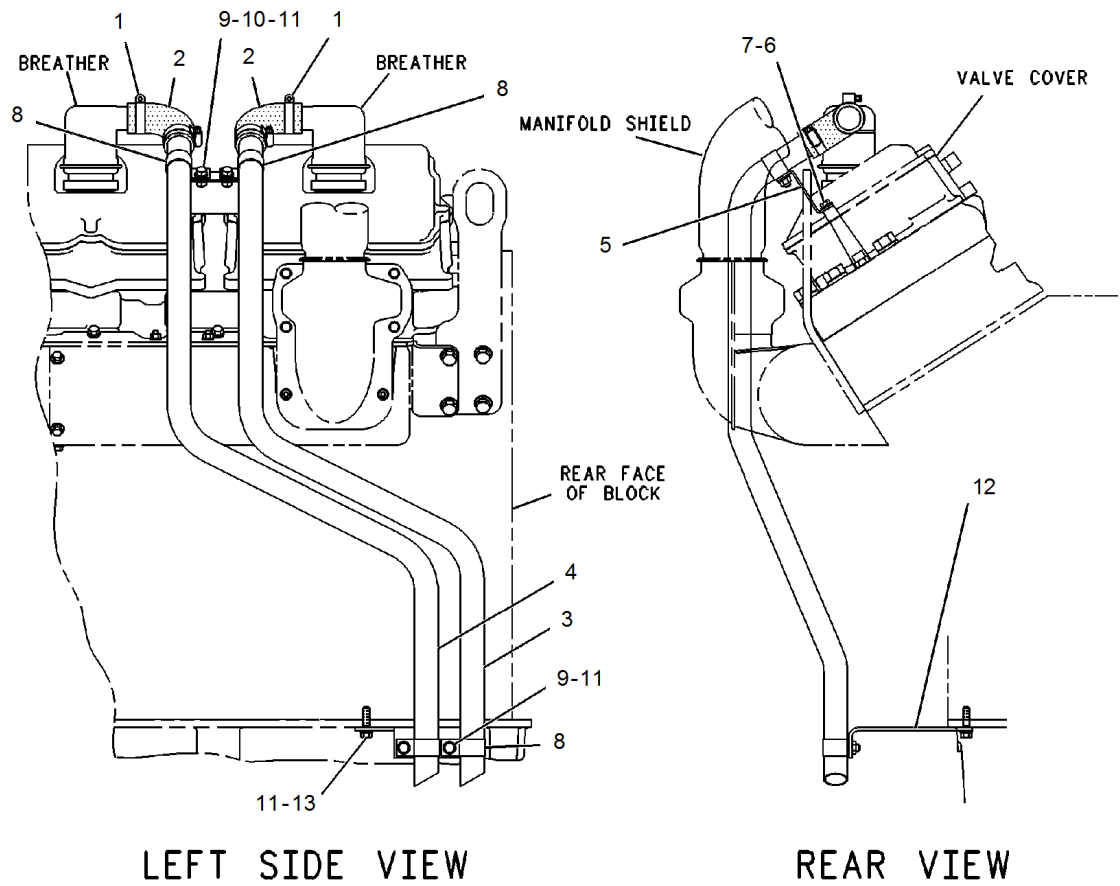


Ref.	Part number	Description	Qty	Code	Group page
1	1R-1808	FILTER-ENGINE OIL (ADVANCED EFFICIENCY)	2		
2	2P-4303	BASE AS-OIL FILTER	2		
(EACH INCLUDES)					
2A	2P-4304	STUD-HOLLOW	1		
3	2P-4305	GASKET	1		
4	4N-7082	SHIELD-OIL FILTER	2		
5	165-3931	BOLT (3/8-16X1.75-IN)	4		
6	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	8		
7	7F-9090	SCREW-DRIVE (NO 8X3/8-IN)	4		
8	9S-8752	NUT-FULL (3/8-16-THD)	4		

117-3147 FUMES DISPOSAL GP

117-3147 FUMES DISPOSAL GP S/N 24W1-UP; 25W1-UP; 26W1-UP; 27W1-UP; 99X1-UP PART OF 295-4652
CONVERSION GP-AIR INLET & EXH

Drawing 1 of 1

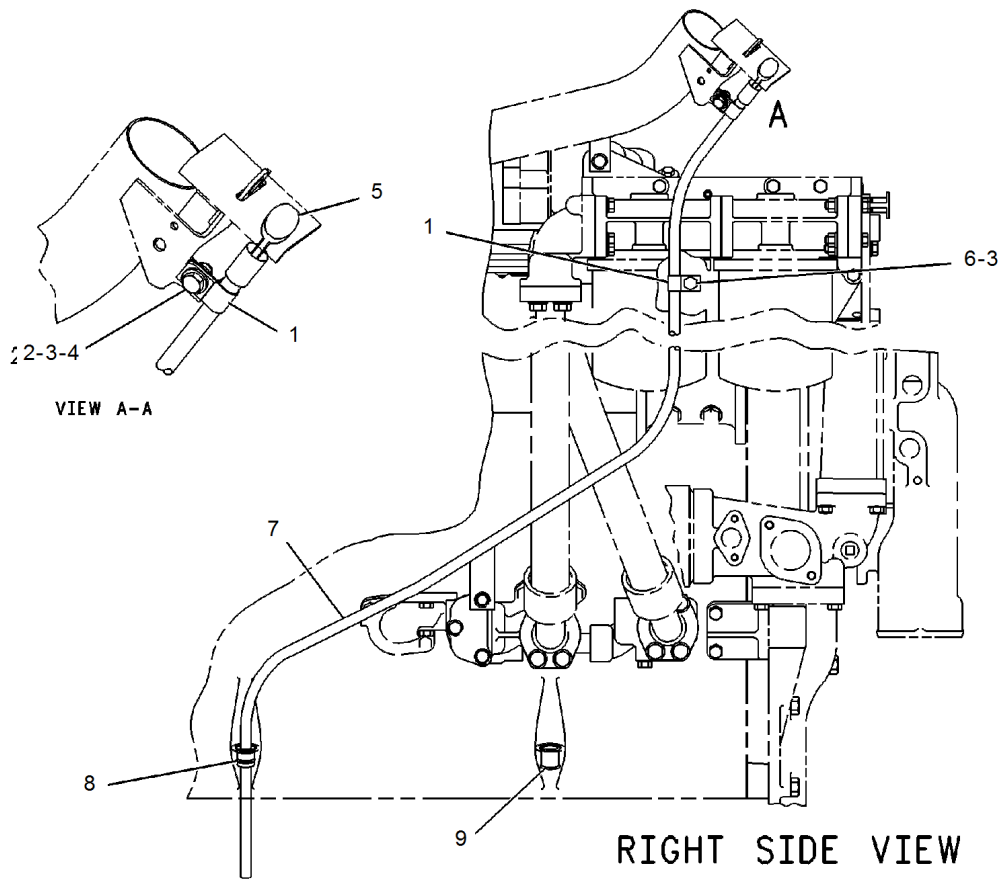


Ref.	Part number	Description	Qty	Code	Group page
1	9M-2904	CLAMP-HOSE	4		
2	4N-5962	HOSE (FUMES DISPOSAL)	2		
3	132-1114	TUBE	1		
4	132-1113	TUBE	1		
5	117-3148	BRACKET	1		
6	8C-3121	BOLT (5/16-18X1.5-IN)	2		
7	8T-4224	WASHER-HARD (8.8X16X2-MM THK)	2		
8	2S-2053	CLIP (LOOP)	4		
9	5S-7379	BOLT (3/8-16X0.875-IN)	4		
10	6V-8801	NUT (3/8-16-THD)	2		
11	8T-4896	WASHER-HARD (10.2X18.5X2.5-MM THK)	8		
12	1W-5278	BRACKET AS	1		
	1F-0750	NUT-WELD (3/8-16-THD)	2		
13	4L-9337	BOLT (3/8-16X1.5-IN)	2		

125-8279 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE

125-8279 GAUGE GP-OIL LEVEL (DIPSTICK) -ENGINE S/N 5XD4018-UP

Drawing 1 of 1

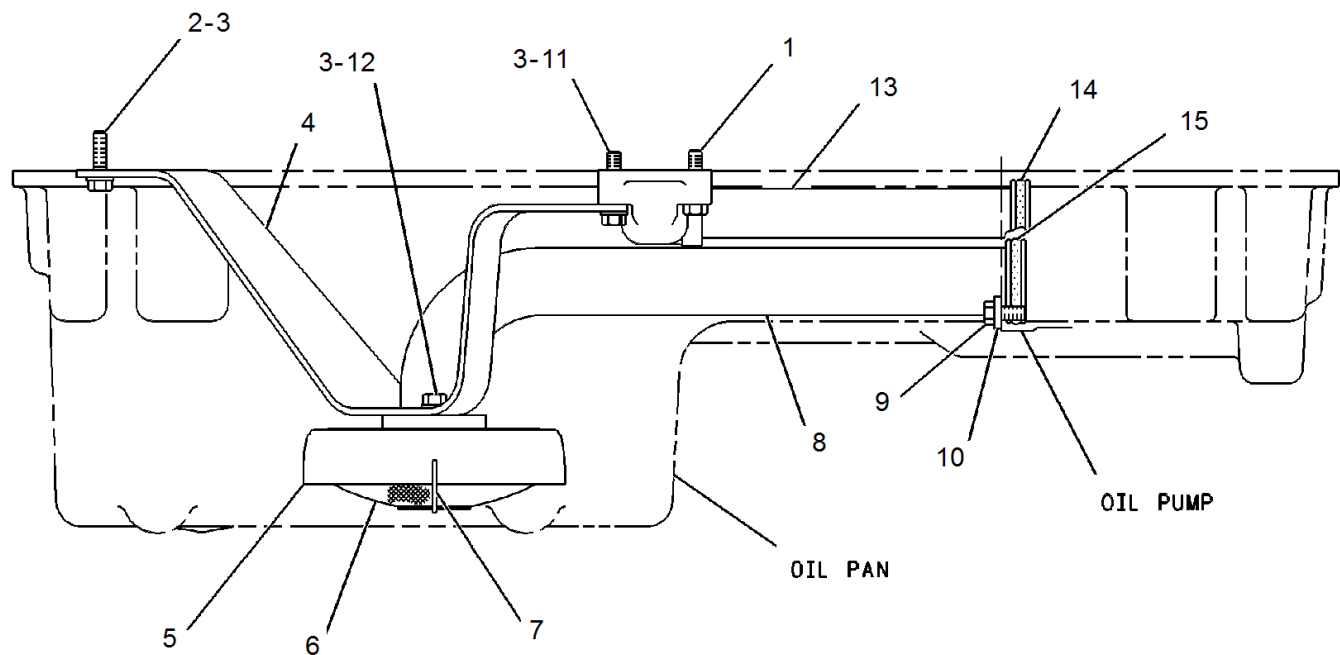


Ref.	Part number	Description	Qty	Code	Group page
1	4H-2633	CLIP	2		
2	0S-1594	BOLT (3/8-16X1-IN)	1		
3	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	3		
4	9S-8752	NUT-FULL (3/8-16-THD)	1		
5	125-1197	GAUGE AS-OIL LEVEL (ENGINE)	1		
6	0L-1351	BOLT (3/8-16X0.875-IN)	1		
7	123-8182	TUBE AS-OIL GAUGE	1		
8	061-8639	SEAL-O-RING	1		
9	165-6170	PLUG	3		
(USE TO PLUG OPTIONAL DIPSTICK LOCATIONS)					

125-8277 LINES GP-ENGINE OIL

125-8277 LINES GP-ENGINE OIL S/N 5XD4018-UP

Drawing 1 of 1



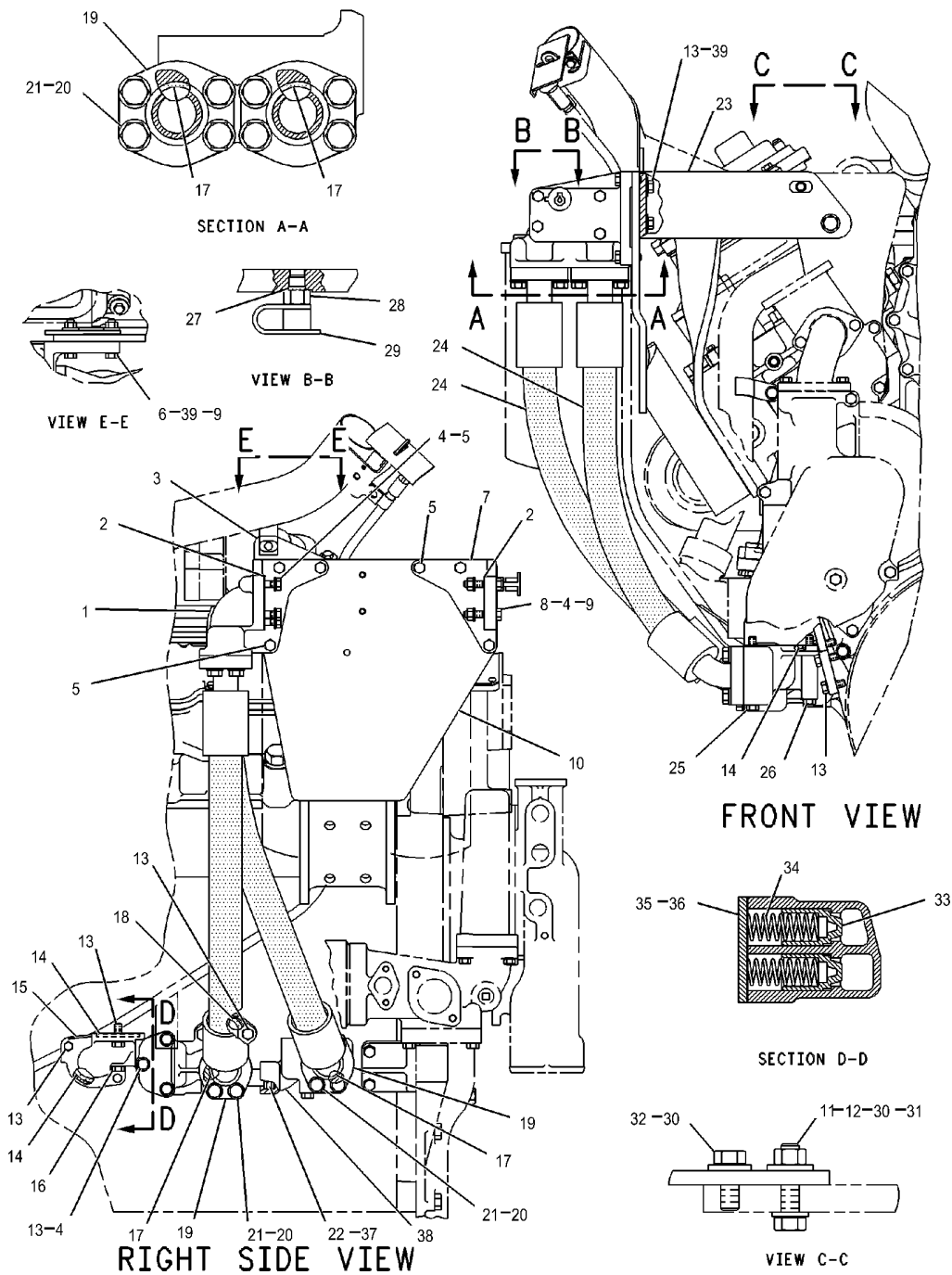
RIGHT SIDE VIEW

Ref.	Part number	Description	Qty	Code	Group page
1	0S-1591	BOLT (3/8-16X1.5-IN)	1		
2	3B-1915	BOLT (3/8-16X1.375-IN)	1		
3	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	4		
4	123-2894	SUPPORT-SUCTION LINE	1		
5	8N-2104	BELL AS-SUCTION	1		
	1F-0750	NUT-WELD (3/8-16-THD)	2		
6	4N-0913	SCREEN-STRAINER (ENGINE OIL)	1		
7	4N-0914	CLIP	1		
8	116-0765	TUBE AS-OIL PUMP	1		
9	0L-1351	BOLT (3/8-16X0.875-IN)	1		
10	8M-9024	WASHER-HARD (10.2X22.5X5-MM THK)	1		
11	0S-1571	BOLT (3/8-16X1.75-IN)	1		
12	0S-1588	BOLT (3/8-16X1.25-IN)	2		
13	116-2700	TUBE AS	1		
14	109-0078	SEAL-O-RING	1		
15	109-0076	SEAL-O-RING	1		

125-8278 LINES GP-FILTER

125-8278 LINES GP-FILTER S/N 5XD4474-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	4N-8600	ADAPTER-BASE	1		
2	2P-4305	GASKET	2		
3	125-1187	PLATE	1		
4	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	11		
5	1A-2029	BOLT (3/8-16X1.125-IN)	8		

125-8278 LINES GP-FILTER (continued)

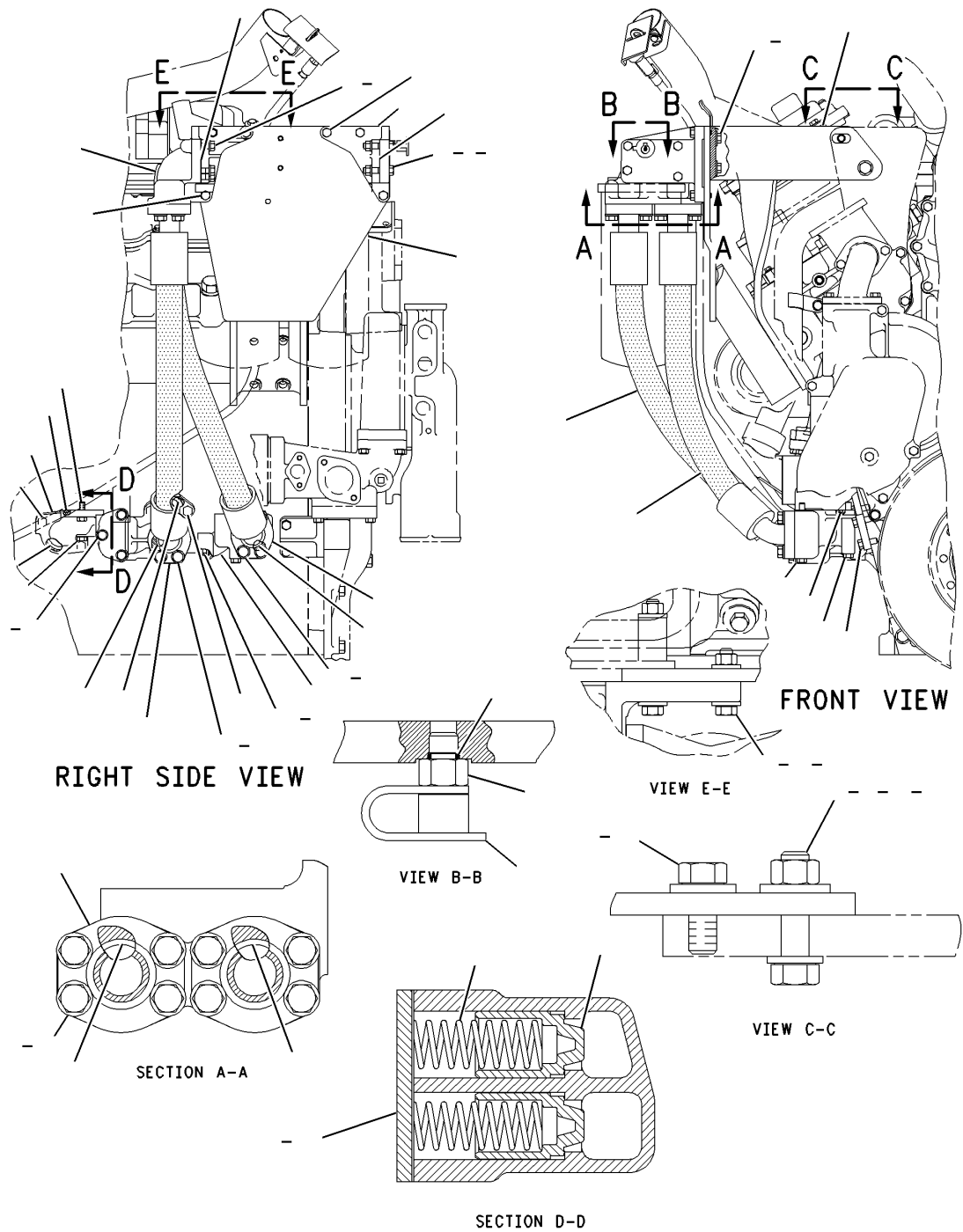
Ref.	Part number	Description	Qty	Code	Group page
6	1C-2251	BOLT (3/8-16X1.87-IN)	2		
7	7C-9010	SUPPORT-BASE	1		
8	0S-1571	BOLT (3/8-16X1.75-IN)	4		
9	9S-8752	NUT-FULL (3/8-16-THD)	6		
10	123-8188	BRACKET AS-FILTER	1		
11	1A-1460	BOLT (1/2-13X2-IN)	1		
12	5P-8245	WASHER-HARD (13.5X25.5X3-MM THK)	1		
13	0S-1594	BOLT (3/8-16X1-IN)	12		
14	3P-0650	SEAL-O-RING	3		
15	1W-1116	BODY-BYPASS	1		
16	0L-2070	BOLT (3/8-16X2.25-IN)	1		
17	061-7540	SEAL-O-RING	4		
18	5P-8068	SEAL-O-RING	1		
19	1P-4578	FLANGE-HALF	8		
20	5P-8244	WASHER-HARD (12X22.5X2.5-MM THK)	16		
21	6K-3771	BOLT-12 POINT HEAD (7/16-14X1.5-IN)	16		
22	5P-9890	SEAL-O-RING	2		
23	119-0960	BRACKET	1		
24	125-4390	HOSE AS	2	I	
25	0S-1608	BOLT (3/8-16X3.75-IN)	1		
26	0T-0065	BOLT (3/8-16X3.5-IN)	1		
27	6V-5048	SEAL-O-RING	1		
28	8C-3446	VALVE-SAMPLING (ENGINE OIL)	1		
29	8C-3445	CAP-DUST	1		
30	7D-1649	WASHER-HARD (13.5X32X5-MM THK)	2		
31	1F-7958	NUT-FULL (1/2-13-THD)	1		
32	0S-1595	BOLT (1/2-13X1.25-IN)	1		
33	9M-0853	PLUNGER-VALVE	2		
34	9F-6304	SPRING	2		
35	4N-0861	COVER	1		
36	4N-0865	GASKET	1		
37	4N-8410	TUBE-COOLER BYPASS	1		
38	4N-8770	ELBOW-COOLER OUTLET	1		
39	9X-6458	WASHER-HARD (10.2X22.5X3-MM THK)	4		

CAT codes: I.

188-3102 LINES GP-FILTER

188-3102 LINES GP-FILTER S/N 5XD4018-4473 OIL

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	4N-8600	ADAPTER-BASE	1		
2	2P-4305	GASKET	2		
3	5M-2894	WASHER-HARD (10.2X18.5X2.5-MM THK)	11		
4	1A-2029	BOLT (3/8-16X1.125-IN)	8		
5	7C-9010	SUPPORT-BASE	1		

MANUALS-KOMATSU.COM

Complete Caterpillar PDF Parts Catalogue

24W-SEBP4811

\$99

Buy on this catalogue page in our store.

Download instructions are sent after payment confirmation.

Buy complete PDF - \$99